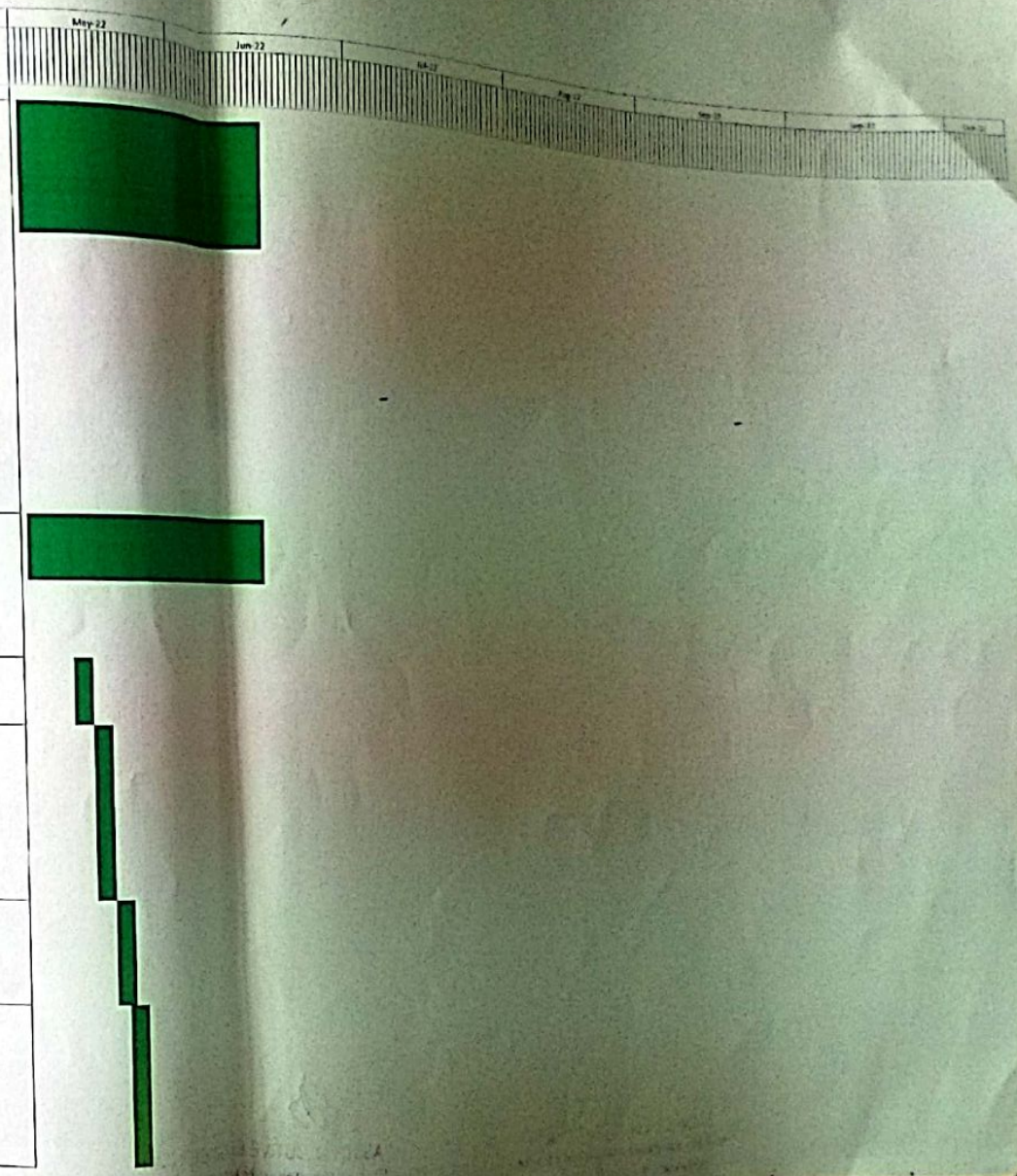
CIVIL QUALITY CONSULTANTS AND ENGINEERS
PROJECT PLANNING/SCHEDULE

Clients Name : Executive Engineer , Electrical Division , Dasarahalli Zone
Project Name : Providing LED Street Lights/Control Switches/Control Wires at Dark/Vulnerable places in Ward No.12
Project Start Date : 5-May-22
Project End Date : 19-Jun-22
Project Length in Days : 45

Sl No	Assignment	Unit	Boq Qnty	Start Date	End Date	No. of Working Days
1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded reflector with optical Ultraviolet light stabilized. Rated LED Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with matrix, Surge Protection Min 5KV along with Over voltage / Overload, short circuit/ miss wiring protection. Top access street light with single screw to ensure ease of maintenance of the light with minimized manual tools. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source.LED Streetlight 90 Watts	Each	1800.00	6-May-22	15-Jun-22	40
2	Supplying and Fixing of 3mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I Pipe	Nos	1750.00	6-May-22	15-Jun-22	40
3	Digging of trench of 0.6m deep x 0.50 mts wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I 2 P 7)In soil (ordinary)	Mtrs	1000.00	13-May-22	15-May-22	2
4	Earthwork excavation for foundation of buildings,water supply,sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches,stacking the excavated soil clear from edges in accordance with lead upto 50m, including pumping of climb complete as per specifications KSRB 2.1.1 do-Ordinary soil	Cum	18.75	16-May-22	18-May-22	2
5	KSRB 4.6.4 Providing and removing centering, shuttering, straining, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications (p.NO.3.16, I No-4.29)	Sq mtrs	32.40	19-May-22	21-May-22	2
6	KSRRB ..Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180Kgs,with using 40 mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum mechanic mixed concrete laid in layers not exceeding 15cm thick well compacted,in foundation and plinth,including cost of all materials ,labour,HOM machineries ,curing complete as per specifications KBS 4.1.4.2	Cum	0.94	21-May-22	23-May-22	2



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Sl. No	Assignment	Unit	Req Qnty	Start Date	End Date	No. of Working Days
7	KSEB 492 Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, placing in position and binding with 16 SWG annealed soft iron wire at all floor levels as per approved design/drawing and as directed by the Engineer-in-charge complete in all respects. (Unit of measurement: kilogram)	Kg	5048	24-May-22	27-May-22	3
8	Providing and laying cement concrete using 20 mm graded stone aggregate and fine aggregate of coarse sand (FM not less than 2.6) in the proportion of 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all RCC works including curing for 21 days complete including all labour, materials, tools, plants, machinery, equipments and incidentals necessary for the satisfactory completion of the item as per specifications and as directed by the Engineer-in-charge. (Unit of measurement: cubic meter)	Cum	830	28-May-22	30-May-22	2
9	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	Cum	8.00	28-May-22	30-May-22	2
10	Providing cement concrete in retaining walls, parapets, coping, kerbs, fillets, benching under floors, bed blocks, grill seatings, steps with all lead and lifts complete in shape					
11	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for natural thermal dissipation Lamp compartment completely sealed from dust ingress with Injection moulded polycarbonate thermal diffuser with Injection moulded polycarbonate thermal clear diffuser with Injection moulded polycarbonate thermal clear enclosure facility accredited by NABL/CRTI & any Government certified agency & Design & Development facility certified by ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Streetlight LED Luminaire with Driver Module of 70 watts	Nos	1			1
12	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation Lamp compartment completely sealed from dust ingress with Injection moulded polycarbonate thermal clear diffuser with Injection moulded polycarbonate thermal clear enclosure facility accredited by NABL/CRTI & any Government certified agency & Design & Development facility certified by ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 Streetlight LED Luminaire with Driver Module of 105 watts	Nos	105.00	1-Jun-22	7-Jun-22	4
13	Supply, erection, testing and commissioning of 9m tall hot dip galvanized MS Octagonal pole with BOX TYPE door	Nos	105.00	13-Jun-22	17-Jun-22	3
14	Providing, supplying and erection of Main Lotic box (as required) complete with MCCB, ELCB, SPD, Energy meter, Contactor etc.					

JUNIOR ENGINEER (Elb)

ASST EXECUTIVE ENGINEER (Elb)
Bruhath Bangalore Mahanagara Palike
Bangalore

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